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INGRESS NOISE CONTROL SYSTEM AND
INGRESS NOISE BLOCKING DEVICE

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ABSTRACT OF THE DISCLOSURE

10 The present invention concerns an ingress noise
control system and an ingress noise blocking device which
are used in a cable system to suppress ingress noise. In
the cable system providing two-way communication using
different frequency bands for transmission of upstream
and downstream signals, the ingress noise control system
15 includes, within a distribution unit, a two-way
amplification unit, etc. provided in an upstream signal
transmission path, a synchronous detection controller 6
for synchronously detecting the upstream signal
transmitted from terminal equipment and separated by a
20 low-pass filter 4 in a second separation filter 2, a gate
switch circuit 5 which is turned on by the synchronous
detection controller 6 to pass the upstream signal only
when the upstream signal is synchronously detected, and
an indicator 7 for indicating the on/off state of the
25 gate switch circuit 5.